

January 6, 1953

To: Mr. J. J. Winn Jr.
From: D. M. Charleson Jr.
Subject: Monthly Progress Report- Drydocks and Dredging Dept.

The report of activities at the Drydocks and in the Dredging Dept., for the month of December 1952 is as follows:

St. Johns Drydocks

Dock No. 1 was occupied 648 hours out of a possible 744 hours or 87% of the total time.

Dock No. 2 was occupied 378 hours or 50.8% of the total possible time.

Berthage spaces at St. Johns were in use only 7.07% of the total possible foot days.

In addition to normal Drydock and Plant maintenance, the following work was performed at the St. Johns Drydock Plant.

1. Surplus material and equipment was listed for sale. Materials to be sold was rearranged into lots for identification purposes and identifying signs were made and placed. Bids are to be opened Jan. 8, 1953 at 10:00 A.M.
2. The fabrication of individual drive mounts for those machines which will be moved to Swan Island was continued.
3. The locomotive crane assisted in loading Dredge parts which were moved by barge to Swan Island.
4. A cutter was repaired for the Dredge "Clackamas"
5. Gantry travel trucks were repaired for the Swan Island Drydock.
6. Work was started on light standards for Drydock No. 2. These new light standards are for use in operating Drydock No. 2 after its move to Swan Island.
7. Drydocked and inspected Tug "Modoc", drydocked and repaired Anchor Barge No. 14.

Swan Island Drydock

Swan Island Drydock was occupied 212 hours or 28.5% of the total time.

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Berthage spaces at Swan Island were in use 44.34% of the total possible foot days.

Work done at Swan Island other than normal maintenance included the following.

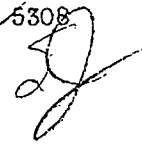
1. Vertical ladders on the starboard side of YFD-69 were straightened as requested in the 1952 Navy Inspection Report.
2. Prepared building No. 8 (old acetylene building) for use as a storage building for Navy owned spare parts for YFD-69. Approximately 20 tons of spare parts have already been moved from building No. 10 to this less hazardous (from the standpoint of fire) location.
3. Burned rubbish and cleaned open area near Sub-station "B"
4. Concrete blocks remaining from shipyard operations were uprooted and removed from the parking area near craneway No. 2 and dumped at Quaker Oats Co.
5. Salvaged 2-1/2" and 3" pipe for use in building light standards for Drydock No. 2.
6. Provided crane service to unload dredge parts moved to Swan Island from St. Johns.
7. Cleaned and swept Drydock areas using the Airport sweeper.
8. Made investigation and tabulated results of settling of fill under the pavement at the old finger pier.
9. Disconnected electrical service and removed conduit to two portable buildings preparatory to moving buildings to Portland International Airport.
10. Removed electrical equipment from buildings No. 21, 23 and 53 and stored in building No. 10
11. Inspected electrical equipment in buildings of Swan Island Rentals.
12. Inspected electrical equipment at the Portland International Airport.
13. Inspected electrical equipment on Steamer "Portland".

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Monthly Progress Report (continued)

The following dockings and undockings took place during the month of December 1952.

<u>Docking Number</u>	<u>Date Docked</u>	<u>Names of Vessels</u>	<u>Date Undocked</u>	<u>Dock No.</u>
5283-243 ✓	(11/17)	S/S Sgt. Jack J Pendleton	12/1	N
5286	(11/25)	S/S Madaket	12/1	2
5288-244 ✓	12/1	S/S Jeremiah S Black	12/4	N
5289	12/1	Tug Columbia Queen	12/4	1
5290	12/4	Tug Dix	12/4	2
5291	12/5	Barge YFN 314	12/15	1
5292	12/5	Tug Klickitat	12/5	1
5293	12/8	Barge Seahorse	12/9	1
5294	12/10	M/V C Trader	12/13	2
5295	12/10	Tug Capt. Al James	12/10	1
5296-245 ✓	12/10	S/S Wayne Victory	12/11	N
5297-246 ✓	12/12	S/S Inagua	12/13	N
5298	12/15	USS LST 583	12/26	2
5299	12/16	Anchor Barge #14 (P of P)	12/23	1
5300	12/16	Tug Modoc (P of P)	12/23	1
5301-247 ✓	12/17	S/S Elmer A Sperry	12/18	N
5302	12/18	Derrick Barge 801	12/22	1
5303-248 ✓	12/19	S/S Fribourg Trader	12/20	N
5304-249 ✓	12/20	S/S Yorkmar	12/22	N
5305	12/23	Tug George M Brown		1
5306	12/26	Tug Rampant	12/29	1
5307	12/29	Tug Salvage Chief	12/30	2
5308	12/29	Barge #36		1

 Dock No. 1 St. Johns was the only dock occupied at the end of December.

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Dredge Department

Maintenance work has been proceeding on the "Clackamas" and its auxiliary plant. Equipment and spare parts in connection with the Dredge, formerly stored at St. Johns have now been moved to Swan Island with the exception of certain small stores, ^{spare} two spuds and the patterns for various castings. A total of 98 shore pipe are also stacked at St. Johns.

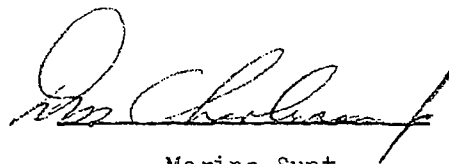
Thickness of dredge floating pipeline was determined by selecting 12 floating pipe lengths at random, drilling at each end above the bottom liner and measuring. The thinnest wall thickness was found to be 3/16" in thickness. This result would indicate that no new pipe are needed at this time, although the wear has exceeded 50%, since the pipe were 1/2" in wall thickness when new.

Twenty eight (28) of forty three (43) ball joints have been repaired by welding. Gaskets to fit the three types of ball joints are on order and should be received within the next thirty days. All hull pipe has been repaired by welding.

Work on main engines has not proceeded as fast as expected owing to heavy varnish deposits on pistons and cylinder liners. Main engine repairs are approximately 70% completed.

A boom and hoist with lifting capacity of one ton and a factor of safety of three has been installed on the starboard spud frame, at a cost of \$125.95. This equipment has been installed to satisfy the need of some sort of loading device for dredge stores. Previously it has been necessary to obtain a truck crane from Swan Island or the Swan Island Drydock to load aboard the Dredge anything that could not be manually carried aboard.

Repair costs to December 31, 1952 are approximately \$8,500.00 for the deck department and \$12,000.00 for the engine room, this does not include Watchmans wages which amounted to \$1,830.00. These costs are taken from November 6, 1952 to December 31, 1952. November 6 being the date that the Dredge came in to lay-up. The total of \$22,300.00 includes vacations and pension contributions.



Marine Supt.